EXHIBIT E

MICHIGAN STATE U N I V E R S I T Y College of Human Medicine

A FAILURE OF PRIMARY PREVENTION PEDIATRIC LEAD EXPOSURE IN FLINT, MICHIGAN:

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Results of Pediatric Blood Lead Levels (BLL)

Methods

- Data from all blood lead levels processed at Hurley Medical Center
- HMC Institutional Review Board (IRB) approved
- All children 5 years of age and younger
- Zip codes 48501-48507
- Two periods of comparison:
- PRE-SWITCH: January 1, 2013 September 15, 2013
- POST-SWITCH: January 1, 2015 September 15, 2015
- Analyzed % Elevated Blood Lead (EBL)
- EBL = Blood lead Levels > 5 g/dL
- EBL analysis conducted based on scientific literature (most notably DC lead in water exposure)



Blood Lead Level Analysis

Large sample size

N= 1746 for Flint children (pre n=906, post n=840)

N= 1670 for non-Flint children (pre n=943, post n=727)

Flint results for children 5 years and under:

2.1% (consistent with MDHHS data 2.2) PRE-SWITCH % EBL:

POST-SWITCH % EBL: 4.0%

p < 0.05; STATISTICALLY SIGNIFICANT CHANGE